

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
CENTRAL DISTRICT OFFICE
536 SOUTH CLARK STREET
CHICAGO, ILLINOIS 60605

DATE: DEC 10 1991

SUBJECT: Summary Multi-Media Inspection
Rock Island Arsenal
Rock Island, Illinois (A53204:II)

FROM: *J. J. Mc Guire*
John J. Mc Guire, Environmental Engineer
Central District Office (5CDO)

TO: William Franz, Federal Facilities Coordinator
Environmental Review Branch (5ME)

THRU: J. P. Singh, Acting Chief *J. P. Singh*
Central District Office (5CDO)

EPA Region 5 Records Ctr.



356884

Please find attached, a summary of findings for the multi-media investigation conducted during FY '91 at:

Agency Name : Department of the Army
Facility Name : Rock Island Arsenal
Prime Contractor : N/A
City, State : Rock Island, Illinois
I.D. Number : IL5210021833

Individual reports concerning the various elements inspected, have been forwarded to the respective media programs.

Should you have any questions or require additional information, please feel free to call me at 353-2704.

Attachment

SIGNIFICANT FEDERAL FACILITIES COMPLIANCE PROGRAM**SUMMARY OF INSPECTION FINDINGS****I. FACILITY IDENTIFICATION**

Agency Name : Department of the Army
Facility Name : Rock Island Arsenal
Prime Contractor : N/A
City, State : Rock Island, Illinois
I.D. Number : IL5210021833

II. ESD Project Leader

Name : John J. Mc Guire
Organization : Central District Office
FTS No. : 353-2704
Inspection Date(s) : August 6-7, 1991
July 24, 1991 (TSCA)
February 19-20 and March 15, 1991 (RCRA)

III. Summary of Findings**A. Clean Air Act**

1. Particulate/VEO - At the time of the inspection many of the Arsenal's manufacturing processes were not in operation. Visible emissions were not observed.
2. Fugitive - The outside coal storage yard had been cited in the past for fugitive emissions. None were observed during this inspection.
3. SO₂ - This facility has not been identified as having any problems with SO₂ and NO_x emissions by either IEPA or USEPA.
4. NO_x - This facility has not been identified as having any problems with SO₂ and NO_x emissions by either IEPA or USEPA.
5. VOC - The Arsenal uses numerous paint booths, vapor degreasers, and metal finishing tanks. The units appeared to be well maintained and all operating permits were current. At one location in the metal finishing area there was a noticeable odor.
6. NESHAP - 7 Pollutants - Asbestos removal is conducted by licensed contractors. At the time of the inspection no asbestos was being removed.
7. Anti-Tampering: Not requested by the Program.

B. Clean Water Act

1. NPDES Permit - Not applicable.
2. Pretreatment - Satisfactory - The industrial discharge is regulated under pretreatment categorical limits for 40 CFR 433.14-Metal Finishing. Sludges generated by the metal finishing processes are disposed of according to IEPA solid waste regulations. A review of the sample results for January, 1991 and June, 1991 indicated that the facility was within the permit limits.

3. SPCC - The facility has a certified SPCC Plan dated February 1988. Facility has not had any reportable quantity spills in recent years. The Plan contains a complete listing of each of their tanks on site, and is currently being revised.

C. RCRA

1. Solid and Hazardous Waste - Inspection conducted by IEPA on February 19-20 and March 15, 1991. IEPA found a number of deficiencies concerning the storage and treatment of waste in buildings #33 and #64.
2. LUST - The facility removed twenty-two tanks between 1987 and 1990. Six additional tanks were scheduled for removal in 1991. Four of which were discovered in 1990. When the removal program is completed the facility will have only eight regulated tanks.

Leak testing in April, 1990 showed that there had been a leak from the piping system at the POL facility. The fittings on the piping system were replaced and some soil was removed. RIA hired Daily and Associates, Engineers, Inc., to conduct an investigation of soil and groundwater contamination. A final report was issued in May, 1991. The report indicated that there was a small residual contamination in the soil near the leak and that there was contamination of the groundwater. The groundwater contamination has lessened since the leak was repaired and the contaminants have migrated to near by surface water.

D. CERCLA

1. CERCLA elements were not evaluated in this inspection.

E. FIFRA

1. FIFRA - Satisfactory - The facility has full time contract employees who have licenses issued by the Illinois Department of Agriculture, for applying pesticides outdoors, and by the Illinois Department of Health, for applying chemicals indoors. No storage packaging or application record deficiencies were noted. Access to the storage area was blocked when we arrived in the building. Items placed in the area had to be moved before we could tour the storage rooms.
2. TSCA - The PCB Compliance Section (5SPT) conducted an inspection at this facility on June 1990. A letter was sent to the facility on October 1, 1990, stating that the facility was in full compliance.

G. Safe Drinking Water Act

1. Water Supply - Not applicable.
2. UIC - Not applicable.